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ABSTRACT

Faculty teaching loads in the Hawaii Community College System are considered in terms of average semester hours taught, average hours in contact with students, and class size, and as reflected by registration information of students in regular credit programs. Several factors affected teaching loads in Fall 1978: enrollments were lower than in the previous two years, there were more part-time students, and full-time students generally carried lighter credit hour loads; additionally, the full-time equivalent (FTE) count of faculty was higher than in previous years. Data showed that while more courses were offered in Fall 1978, with corresponding increases in instructor semester and contact hours, student registrations and student semester and contact hours were lower than in the previous three semesters. The study also revealed that the number and proportion of classes with ten or fewer students increased by 23% over the previous fall; that on an average class sizes were smaller; and that class sizes in general education courses remained larger than in vocational education courses. Teaching loads were lower than the previous fall: average student hours were 13.3 for the system; weekly instructor contact hours were 16.1 for the system; faculty-student ratios had decreased to 1:21. Tabular data are provided for each campus and the system as a whole. (MB)

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ED164033

FACULTY TEACHING LOAD

COMMUNITY COLLEGES

FALL 1978

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JC 790 039

University of Hawaii
Office of the Chancellor for Community Colleges
December 1978

University of Hawaii
Office of the Chancellor for Community Colleges

CC-IRP 116
December 1978

FACULTY TEACHING LOAD
COMMUNITY COLLEGES
FALL 1978

Introduction

This report on faculty teaching load provides data only on one aspect of the faculty's workload: teaching load, i.e., the actual classroom situation as measured in terms of average semester hours taught, average hours in contact with students, class size, etc. (The total workload of the instructor would include many other professional activities such as responding to various community requests, engaging in departmental research, advising students, attending faculty committee meetings, etc.)

Sources of Data

SIS Computer Reports 3010 and 3011 (Course Registration Reports), which provide raw and summary data on faculty-student workload based on student semester hours, were used as the primary documents for this report. (Data for these reports were abstracted from students' class registration data.) Computer Reports 3030 (Schedule of Classes) and the Faculty-Staff Information System (FSIS) reports were used as reference points. The deans of instruction were also consulted for certain information regarding their schedules of classes and lecturers and instructors on overload.

Population Included

The information for this report is based on registration data for the following groups of students registered in the regular credit programs in seven community colleges: classified and unclassified students, early admittees, concurrent registrants, and other special students whose registration records are processed through the SIS. All computer reports are as of mid-October. The data have been reviewed by deans of instruction.

Adjustments

Equivalent credits were established for classes with variable credits. The methodology differed, however, depending upon the kind of classes under consideration, e.g., directed studies, cooperative education, etc. (See Appendix A, Definitions.)

Highlights

I. Several factors affected the teaching load of community college faculty this fall.

A. Fall 1978 enrollment is lower than that of the previous two years and only slightly higher than that of Fall 1975. Furthermore, there are numerically and proportionately more part-time students this fall (9,764 students, 47%) compared to Fall 1977 (9,210 students, 44%) and Fall 1975 (8,454 students, 41%). Additionally, full-time students are generally carrying lighter credit loads compared to previous years. This is reflected in lower student registrations (in classes) and total SSHs.

B. The FTE count of faculty is higher than in previous years. This is probably because: (1) more courses and classes are scheduled this fall at most of the colleges; and (2) more released time is being granted to enable instructors to engage in various curriculum related activities. (In some instances, the expenses related to released time are funded externally through grants such as the AIDP and humanities grants.)

II. Courses, Classes, Semester and Contact Hours (Table I).

A. The data show that more courses and classes are offered this fall with corresponding increases in instructor semester and contact hours. This fall there are 29 more courses (1,736 compared to 1,707) and 133 more classes (3,121 compared to 2,988). Instructor semester hours increased by 303 semester hours (from 8,670 to 8,973); instructor contact by 135 contact hours (from 10,784 to 10,919).

B. However, student registrations and student semester and contact hours are lower than in the previous three semesters. (See paragraph IA above.) Student registrations number 76,657 (663 fewer than the figure reported last fall). Student semester and contact hours number 215,173 and 255,071, respectively, this fall. Corresponding figures last fall were higher by 3% for each category. Noteworthy is that SSHs are lower than any of those reflected for the past four years.

III. Classes with Ten or Fewer Students (Table II).

A. The number and proportion of classes with ten or fewer students increased for the system and at several colleges. Systemwide, the 187 "low enrollment" classes is 23% more than the 152 reported last fall.

B. Many of these "low enrollment" classes are held for a variety of reasons: graduation requirements, facility limitations, accreditation requirements (especially in the health services courses). Further, a few courses are taught by non-instructional staff (deans, counselors and media coordinators) who receive no additional compensation.

IV. Average Class Size, by Program (Table III).

A. Average class sizes are smaller this fall: 25 for the system; 19-28, by campus. (Last fall: 26 for the system; 21-29, by campus.)

B. As in past years, average class size in general education courses (26 students) is larger than that in vocational education courses (23 students).

V. Average Semester and Contact Hours Taught (Table IV).

A. Teaching loads, in terms of semester and contact hours, and productivity ratios, were lower than those of last fall:

1. Average semester hours: 13.3, for the system; 12.8-13.9, by campus. (Comparable figures for Fall 1977: 13.5 for the system; 13.2-13.9, by campus.)

2. Weekly instructor contact hours: 16.1 for the system; 13.9-19.2, by campus.
(Comparable figures for Fall 1977: 16.8 for the system; 13.5-19.5, by campus.)

3. Productivity ratios: 318 for the system; 240-354, by campus.
(Comparable figures for Fall 1977: 345 for the system; 277-381, by campus.)

B. Faculty-student ratios: 1:21 for the system; 1:16-1:24, by campus.
(Comparable figures for Fall 1977: 1:23 for the system; 1:18-1:25, by campus.)

VI. Headcount of Instructors and Lecturers; FTE Count, Faculty Engaged in Teaching (Table V).

A. Both head and FTE counts of instructors are higher this fall compared to last fall:

1. Headcount, 925, an increase of 13, 1%.

2. FTE count, 676.7, an increase of 35.2, 6%.

B. The FTE count of instructors increased at every campus, ranging from 0.4 to 10.1 FTE.

Summary

A lower teaching load is reflected, generally, for Fall 1978 in comparison to Fall 1977 in terms of average semester and contact hours taught, average class sizes and faculty-student ratios. Affecting the teaching load data this fall are such factors as: (1) lower enrollment with proportionately more part-time students; (2) full-time students carrying lighter credit loads; (3) colleges offering more courses and scheduling more classes; (4) more resources being directed toward curriculum planning activities.

TABLE I
COURSES, CLASSES, SEMESTER & CONTACT HOURS
COMMUNITY COLLEGES
FALL 1974-1978

Note: System totals are not comparable between 1975 and previous year. Data on Hawaii Community College were included for the first time in Fall 1975.

College and Year	Courses	Classes	Semester Hours	Student Registrations	Student Sem Hours	Contact Hours Instructor	Contact Hours Student
TOTAL							
1974	1,275	2,276	6,550	61,959	176,707	8,084	210,502
1975	1,653	2,805	8,473	78,948	229,573	NA	
1976	1,777	2,958	8,740	79,334	228,683	11,010	273,592
1977	1,707	2,988	8,670	77,320	221,013	10,784	262,755
1978	1,736	3,121	8,973	76,657	215,173	10,919	255,071
HAWAII							
1975	238	283	1,002	6,820	21,353	NA	
1976	262	302	1,023	6,960	22,055	1,333	27,234
1977	225	293	1,002	7,013	21,760	1,436	28,310
1978	209	304	1,027	6,711	20,630	1,423	26,929
HONOLULU							
1974	319	484	1,553	12,322	38,951	2,121	51,598
1975	349	554	1,774	14,795	47,185	NA	
1976	345	579	1,880	16,047	50,318	2,494	70,200
1977	314	574	1,849	15,051	48,163	2,406	62,505
1978	326	605	1,918	14,860	46,784	2,496	60,986
KAPIOLANI							
1974	270	544	1,471	15,754	42,303	1,946	52,976
1975	300	573	1,600	17,916	48,285	NA	
1976	317	584	1,619	18,461	49,678	2,292	58,451
1977	318	607	1,633	17,467	46,862	2,081	56,138
1978	303	643	1,723	18,027	47,041	2,064	55,058
KAUAI							
1974	136	157	493	3,486	9,950	663	12,713
1975	178	191	547	4,451	11,940	NA	
1976	199	225	599	4,355	11,360	773	13,712
1977	183	225	577	4,814	11,959	767	14,842
1978	194	244	588	4,628	10,894	754	12,892
LEEWARD							
1974	279	690	1,970	20,744	59,625	2,157	64,010
1975	298	776	2,294	24,239	71,054	NA	
1976	321	817	2,326	23,226	66,339	2,599	70,865
1977	322	802	2,289	21,686	62,043	2,522	66,610
1978	316	789	2,249	20,675	58,639	2,461	63,091
MAUI							
1974	189	264	656	6,092*	15,054*	780	18,093
1975	201	264	765	6,787	17,813	NA	
1976	226	275	795	6,368	17,426	997	21,125
1977	235	315	838	6,914	17,625	1,046	21,649
1978	251	320	872	6,977	17,676	1,072	21,660
WINDWARD							
1974	82	137	407	3,561	10,824	417	11,112
1975	89	164	491	3,940	11,943	NA	
1976	107	176	498	3,917	11,507	522	12,005
1977	110	172	482**	4,375	12,601	526	12,701
1978	137	216	596	4,779	13,509	649	14,455

*Includes 34 students' registration data for Fall 1974 which were not processed in time for the SER computer reports.

**Includes 18 semester hours scheduled during the eight-week session. Data for the other columns (classes, registrations, SSHs, contact hours) do not reflect input from these additional offerings.

TABLE II
CLASSES WITH TEN OR FEWER STUDENTS
COMMUNITY COLLEGES
FALL 1974 - 1978

Note: System totals are not comparable between 1975 and previous year. Data on Hawaii Community College were included for the first time in Fall 1975.

College & Year	No. of Classes	Classes with Ten or Fewer Students	
		No.	H%
TOTAL			
1974	2,276	161	7.0
1975	2,805	121	4.3
1976	2,958	172	5.8
1977	2,988	152	5.1
1978	3,121	187	6.0
HAWAII			
1975	283	15	5.3
1976	302	22	7.3
1977	293	22	7.5
1978	304	15	4.9
HONOLULU			
1974	484	37	7.6
1975	554	13	2.3
1976	579	12	2.1
1977	574	17	3.0
1978	605	11	1.8
KAPIOLANI			
1974	544	37	6.8
1975	573	31	5.4
1976	584	31	5.3
1977	607	28	4.6
1978	643	34	5.3
KAUAI			
1974	157	27	17.1
1975	191	11	5.8
1976	225	32	14.2
1977	225	22	9.8
1978	244	34	13.9
LEEWARD			
1974	690	25	3.6
1975	776	23	3.0
1976	817	45	5.5
1977	802	43	5.4
1978	789	46	5.8
MAUI			
1974	264	33	12.5
1975	264	20	7.6
1976	275	19	6.9
1977	315	19	6.0
1978	320	34	10.6
WINDWARD			
1974	137	2	1.4
1975	164	8	4.9
1976	176	11	6.3
1977	172	1	0.6
1978	216	13	6.0

TABLE III
AVERAGE CLASS SIZE, BY PROGRAM*
COMMUNITY COLLEGES
FALL 1974 - 1978

Note: System totals are not comparable between 1975 and previous year. Data on Hawaii Community College were included for the first time in Fall 1975.

College and Year	TOTAL	General & Pre-Prof Courses	Vocational-Tech Courses
	Average Class Size	Average Class Size	Average Class Size
TOTAL			
1974	28	29	25
1975	28	30	26
1976	27	28	25
1977	26	27	24
1978	25	26	23
HAWAII			
1975	24	27	23
1976	23	25	21
1977	24	27	21
1978	22	24	20
HONOLULU			
1974	26	27	24
1975	27	27	26
1976	28	29	26
1977	26	28	23
1978	25	27	21
KAPIOLANI			
1974	29	31	27
1975	31	31	30
1976	32	31	32
1977	29	30	28
1978	28	29	24
KAUAI			
1974	22	23	21
1975	23	24	22
1976	19	21	17
1977	21	22	20
1978	19	19	18
LEEWARD			
1974	31	33	27
1975	31	33	26
1976	28	30	25
1977	27	28	24
1978	26	27	21
MAUI			
1974	24	25	23
1975	26	28	22
1976	23	26	20
1977	22	24	20
1978	22	23	20
WINDWARD			
1974	26	26	23
1975	24	24	18
1976	22	23	15
1977	25	26	22
1978	22	23	19

*The computation of average class size excludes certain classes such as Directed Studies, Cooperative Education, etc.

TABLE IV
AVERAGE SEMESTER AND CONTACT HOURS TAUGHT,
PRODUCTIVITY AND FACULTY-STUDENT RATIOS
FALL 1974-1978

Note: System totals are not comparable between 1975 and previous year. Data on Hawaii Community College were included for the first time in Fall 1975.

College & Year	FTE Faculty	Semester Hours Taught		Productivity Ratio*		Contact Hours		Ratio: FTE Faculty :FTE Students**	
		TOTAL	Average	TOTAL SSH	Average	TOTAL	Ave.	Students	Ratio
TOTAL									
1974	492.7	6,550	13.3	176,510	358	8,084	16.4	11,600	1:24
1975	647.5	8,473	13.1	229,573	355	NA		15,071	1:23
1976	658.4	8,740	13.3	228,683	347	11,010	16.7	15,056	1:23
1977	641.5	8,688	13.5	221,013	345	10,776	16.8	14,583	1:23
1978	676.7	8,973	13.3	215,173	318	10,919	16.1	14,236	1:21
HAWAII									
1975	72.9	1,002	13.7	21,353	293	NA		1,336	1:18
1976	74.4	1,023	13.8	22,055	296	1,333	17.9	1,387	1:19
1977	73.6	1,002	13.6	21,760	296	1,436	19.5	1,386	1:19
1978	74.0	1,027	13.9	20,630	279	1,423	19.2	1,324	1:18
HONOLULU									
1974	113.0	1,553	13.7	38,951	345	2,121	18.8	2,575	1:23
1975	134.3	1,774	13.2	47,185	351	NA		3,130	1:23
1976	140.1	1,880	13.4	50,318	359	2,494	17.8	3,340	1:24
1977	132.6	1,849	13.9	48,163	363	2,406	18.1	3,203	1:24
1978	141.2	1,918	13.6	46,784	331	2,496	17.7	3,116	1:22
KAPIOLANI									
1974	110.9	1,471	13.3	42,303	381	1,946	17.5	2,769	1:25
1975	123.8	1,600	12.9	48,285	390	NA		3,203	1:26
1976	123.5	1,619	13.1	49,678	402	2,292	18.6	3,300	1:27
1977	122.9	1,633	13.3	46,862	381	2,081	16.9	3,114	1:25
1978	133.0	1,723	13.0	47,041	354	2,064	15.5	3,127	1:24
KAUAI									
1974	37.5	493	13.1	9,950	265	663	17.7	642	1:17
1975	41.2	547	13.3	11,940	290	NA		768	1:19
1976	44.9	599	13.3	11,360	253	773	17.2	726	1:16
1977	43.2	577	13.4	11,959	277	767	17.8	771	1:18
1978	45.3	588	13.0	10,894	240	754	16.6	711	1:16
LEEWARD									
1974	148.6	1,970	13.3	59,625	401	2,157	14.5	3,932	1:27
1975	171.3	2,294	13.4	71,054	415	NA		4,703	1:27
1976	172.8	2,326	13.5	66,339	384	2,599	15.0	4,395	1:25
1977	168.9	2,289	13.6	62,043	367	2,522	14.9	4,116	1:24
1978	171.1	2,249	13.1	58,639	343	2,461	14.4	3,894	1:23
MAUI									
1974	52.4	656	12.5	14,857	284	780	14.9	974	1:19
1975	65.1	765	11.8	17,813	274	NA		1,145	1:18
1976	63.3	795	12.6	17,426	275	997	15.8	1,154	1:18
1977	62.4	838	13.4	17,625	282	1,046	16.8	1,170	1:19
1978	65.5	872	13.3	17,676	270	1,072	16.4	1,176	1:18
WINDWARD									
1974	30.3	407	13.4	10,824	357	417	13.8	707	1:23
1975	38.9	491	12.6	11,943	307	NA		786	1:20
1976	39.4	498	12.6	11,507	292	522	13.2	753	1:19
1977	37.9	500‡	13.2	12,601	332	526	13.5	823	1:22
1978	46.6	596	12.8	13,509	290	649	13.9	888	1:19

*See Appendix A for definition. Computed by dividing total SSH by FTE instructor.
**FTE count of students based on regular students, only.
‡Includes 18 semester hours taught during the second eight week session. (These classes were not scheduled at the October cut-off period for input into the computer. The SSHs and contact hours generated by these additional classes are not reflected in the figures shown above.)

TABLE V

HEADCOUNT* OF INSTRUCTORS AND LECTURERS; FTE COUNT, FACULTY ENGAGED IN TEACHING
COMMUNITY COLLEGES
FALL 1974-1978

Note: System totals are not comparable between 1975 and previous year. Data on Hawaii Community College were included for the first time in Fall 1975.

YEAR	TOTAL		HAWAII		HONOLULU		KAPIOLANI		KAUAI		LEEWARD		MAUI		WINDWARD	
	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count
FALL 1974	492.7	787	NA		113.0	178	110.9	196	37.5	57	148.6	241	52.4	70	30.3	45
1975	647.5	1,015	72.9	105	134.3	205	123.8	211	41.2	59	171.3	282	65.1	90	38.9	63
1976	658.4	1,048	74.4	111	140.1	219	123.5	210	44.9	67	172.8	284	63.3	95	39.4	62
1977	641.5	912	73.6	95	132.6	191	122.9	188	43.2	60	168.9	235	62.4	92	37.9	51
1978	676.7	925	74.0	97	141.2	193	133.0	205	45.3	60	171.1	224	65.5	82	46.6	64

*Duplicated headcount: lecturers teaching at more than one campus are included in the count of each campus they teach. The count of instructors include full- and part-time instructors and division/department chairmen. The FTE count of part-time instructors is reflected as contracted (0.5 for those employed as 50% FTE); the FTE count of division/department chairmen, as 0.7.

TABLE Ia
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
HAWAII COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
TOTAL	209	304	22	1,027	6,711	20,630
GENERAL & PRE-PROF EDUC COURSES	84	158	24	403	3,824	9,566
Humanities	37	71	22	193	1,540	3,998
Art	8	10	21	31	207	621
East Asian Language: Japanese	1	1	25	3	25	75
English	10	34	20	102	686	2,058
English as a Second Language	2	2	17	6	33	99
Hawaiiana	6	9	29	9	258	258
History	4	4	22	6	88	158
Humanities	2	coop		2	6	15
Speech	4	11	21	34	238	714
Natural Sciences	28	46	26	114	1,173	2,745
Biology	1	2	24	6	47	141
Mathematics	19	30	25	64	746	1,406
Oceanography	1	3	33	9	98	294
Physics	3	5	22	15	108	324
Science	4	6	29	20	174	580
Social Sciences	19	41	27	96	1,111	2,823
Economics	2	2	25	6	49	147
Human Development	3	3	25	9	75	225
Political Science	1	2	24	6	47	141
Psychology	3	8	38	24	303	909
Social Science	7	17	19	27	328	474
Sociology	3	9	34	24	309	927
VOCATIONAL EDUCATION	125	146	20	624	2,887	11,064
Business Education	40	59	24	230	1,432	4,654
Accounting	8	11	21	41	243	783
Business	2	7	21	21	146	438
Data Processing	2	3	17	10	52	170
Data Processing	(1)	(2)	(19)	(6)	(38)	(114)
Info. & Computer Science	(1)	(1)	(14)	(4)	(14)	(56)
Sales Management	10	8	34	38	269	807
Management	(2)	(2)	(21)	(6)	(42)	(126)
Merchandising	(8)	(6)	(30)	(32)	(227)	(681)
Secretarial & Related	18	30	24	120	722	2,456
Business Machines	(3)	(9)	(21)	(32)	(189)	(710)
Office Procedures	(5)	(4)	(20)	(25)	(115)	(405)
Shorthand	(6)	(5)	(17)	(27)	(110)	(417)
Typewriting	(4)	(12)	(26)	(36)	(308)	(924)
Food Services	5	5	17	24	87	408
Health Services: Nursing	4	7	12	53	85	649

TABLE Ia
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
HAWAII COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Contact Hours**	
	Instructor	Student
TOTAL	1,423	26,929
GENERAL & PRE-PROF EDUC COURSES	421	9,867
Humanities	203	4,169
Art	40	806
East Asian Language: Japanese	3	75
English	102	2,055
English as a Second Language	6	99
Hawaiiana	9	255
History	6	158
Humanities	4	10
Speech	33	708
Natural Sciences	117	2,816
Biology	6	141
Mathematics	68	1,512
Oceanography	9	294
Physics	15	324
Science	19	545
Social Sciences	101	2,882
Economics	6	147
Human Development	9	225
Political Science	6	141
Psychology	24	909
Social Science	29	533
Sociology	27	927
VOCATIONAL EDUCATION	1,002	17,062
Business Education	234	4,793
Accounting	48	837
Business	21	438
Data Processing	11	184
Data Processing	(6)	(114)
Info. & Computer Science	(5)	(70)
Sales Management	30	807
Management	(6)	(126)
Merchandising	(24)	(681)
Secretarial & Related	124	2,527
Business Machines	(32)	(710)
Office Procedures	(19)	(336)
Shorthand	(37)	(557)
Typewriting	(36)	(924)
Food Services	52	884
Health Services: Nursing	116	1,435

Continued

HAWAII COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
Public Services	11	10	23	35	240	720
Fire Science	1	1	24	3	24	72
Human Services: Law	3	3	25	9	76	228
Police Science	7	6	21	23	140	420
Technology	64	64	16	277	1,013	4,497
Agriculture	14	15	13	48	201	631
Apparel Design & Const.	1	2	24	6	48	144
Auto Body Repair & Painting	2	2	21	22	41	451
Automotive Mechanics Tech.	8	8	23	25	180	561
Blueprint Reading	3	4	15	11	60	168
Carpentry	2	2	20	20	39	390
Diesel Mechanics Technology	2	2	18	22	36	385
Drafting Technology	9	6	10	23	60	222
Electricity	2	2	16	22	32	352
Electronics Technology	8	8	15	23	120	345
Fashion Design Merchandising	3	3	28	11	86	309
Machine Shop	6	6	10	22	60	253
Welding	4	4	13	22	52	286
Other Vocational	1	1	30	5	30	136

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 10, 1978; Office of the Dean of Instruction.

HAWAII COMMUNITY COLLEGE (CONTINUED)

Subject Area	Contact Hours**	
	Instructor	Student
Public Services	36	717
Fire Science	3	72
Human Services: Law	9	228
Police Science	24	417
Technology	552	8,873
Agriculture	96	1,205
Apparel Design & Const.	6	144
Auto Body Repair & Painting	46	943
Automotive Mechanics Tech.	50	1,185
Blueprint Reading	12	180
Carpentry	48	936
Diesel Mechanics Technology	50	875
Drafting Technology	50	498
Electricity	44	704
Electronics Technology	35	525
Fashion Design Merchandising	18	486
Machine Shop	49	568
Welding	48	624
Other Vocational	12	360

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 10, 1978; Office of the Dean of Instruction.

TABLE IIa
CLASSES WITH TEN OR FEWER STUDENTS
HAWAII COMMUNITY COLLEGE
FALL 1978

Subject Area	No. of Classes
TOTAL	15
GENERAL & PRE-PROF ED COURSES	2
Humanities: Eng (051)	1
Natural Sciences: Math (055I)	1
VOCATIONAL EDUCATION COURSES	13
Business: Accounting (026)	1
Health Services: Nursing (153)	1
Technology	11
Agriculture (059V, 062, 064, 067) Automotive Mechanics Technology (080) Machine Shop (032, 032L, 034, 034L)	6 1 4

Sources: SER Computer Report 3011B, October 10, 1978;
Office of the Dean of Instruction.

TABLE Ib
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
HONOLULU COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
TOTAL	326	605	25	1,918	14,860	46,784
GENERAL & PRE-PROF EDUC COURSES	143	358	27	1,047	9,716	28,030
Humanities	65	170	26	502	4,357	12,719
Art	10	19	22	57	427	1,281
Communication	4	3	28	10	83	250
Drama	1	2	32	6	63	189
East Asian Language	5	6	21	21	124	432
Japanese	(4)	(5)	(21)	(18)	(103)	(369)
Japanese Literature	(1)	(1)	(21)	(3)	(21)	(63)
English	13	61	25	184	1,519	4,559
English Language Institute	3	6	24	18	143	429
Hawaiiana	1	1	23	3	23	69
History	8	22	29	66	638	1,914
Humanities	3	4	36	18	143	437
Indo-Pacific Language: Hawaiian	1	2	27	8	53	212
Journalism	2	2	17	6	33	95
Music	3	5	23	9	116	234
Philosophy	3	8	31	24	246	738
Religion	3	9	33	27	300	900
Speech	5	20	22	45	446	980
Natural Sciences	44	115	29	329	3,288	9,333
Biological Science	11	15	33	42	494	1,395
Biology	(1)	(1)	(45)	(3)	(45)	(135)
Botany	(5)	(6)	(36)	(14)	(213)	(503)
Microbiology	(3)	(4)	(28)	(10)	(110)	(280)
Zoology	(2)	(4)	(32)	(15)	(126)	(477)
Chemistry	8	12	26	30	306	756
Mathematics	12	57	31	172	1,742	5,173
Oceanography	2	4	36	13	142	425
Physics	10	26	22	68	579	1,484
Science	1	1	25	4	25	100
Social Science	33	69	29	204	1,973	5,734
American Studies	1	1	32	3	32	96
Anthropology	2	4	28	12	113	339
Economics	3	6	29	18	175	525
Geography	5	8	30	20	239	595
Human Development	7	12	29	33	347	976
Political Science	3	8	25	24	198	594
Psychology	5	13	27	39	354	1,062
Social Science	5	8	31	28	251	755
Sociology	2	9	29	27	264	792
Other	1	4	25	12	98	294
Learning Skills	1	4	25	12	98	294

TABLE Ib
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
HONOLULU COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Contact Hours**	
	Instructor	Student
TOTAL	2,496	60,986
GENERAL & PRE-PROF EDUC COURSES	1,140	30,248
Humanities	543	13,436
Art	93	1,986
Communication	12	249
Drama	6	189
East Asian Language	24	492
Japanese	(21)	(429)
Japanese Literature	(3)	(63)
English	183	4,548
English Language Institute	18	429
Hawaiiana	5	115
History	66	1,914
Humanities	12	372
Indo-Pacific Language: Hawaiian	10	265
Journalism	12	147
Music	12	291
Philosophy	24	738
Religion	27	900
Speech	39	801
Natural Sciences	381	10,700
Biological Science	58	1,857
Biology	(3)	(135)
Botany	(18)	(639)
Microbiology	(14)	(354)
Zoology	(23)	(729)
Chemistry	42	1,038
Mathematics	173	5,282
Oceanography	12	420
Physics	90	1,953
Science	6	150
Social Science	204	5,818
American Studies	3	96
Anthropology	12	339
Economics	18	525
Geography	24	717
Human Development	33	976
Political Science	24	594
Psychology	39	1,062
Social Science	24	717
Sociology	27	792
Other	12	294
Learning Skills	12	294

Continued

HONOLULU COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes*		Semester Hours	Student Regis.	Student Sem. Hours
		No.	Ave Size			
VOCATIONAL EDUCATION COURSES	183	247	21	871	5,144	18,704
Business Education	2	3	25	9	75	225
Information & Computer Science	1	2	27	6	54	162
Management	1	1	21	3	21	63
Food Services	4	2	27	20	53	439
Baking	4	2	27	20	53	439
Health Services	3	9	15	12	139	206
Food & Nutritional Science	2	2	21	5	42	109
Health	1	7	14	7	97	97
Public Services	39	74	18	208	1,343	3,816
Fire Science	9	16	27	49	436	1,304
Human Services	16	38	11	99	430	1,081
Corrections	(2)	(2)	(17)	(6)	(34)	(100)
Education	(8)	(24)	(6)	(69)	(179)	(550)
Human Services	(3)	(7)	(16)	(9)	(115)	(130)
Law	(1)	(3)	(16)	(9)	(49)	(147)
Social Services	(2)	(2)	(27)	(6)	(53)	(154)
Occupational Safety & Health	9	11	25	33	272	816
Police Science	5	9	23	27	205	615
Technology	134	158	22	619	3,502	13,922
Apparel Design & Construction	9	10	28	33	247	717
Apparel Design & Const.	(4)	(4)	(25)	(15)	(101)	(279)
Fashion Design & Merchandising	(5)	(6)	(24)	(18)	(146)	(438)
Auto Body Repair & Painting	4	2	47	28	94	905
Automotive Mechanics Tech.	15	19	24	80	449	1,740
Aviation Technology	8	8	18	40	147	763
Blueprint Reading	6	10	23	27	234	654
Carpentry	2	2	25	20	50	500
Commercial Art	11	10	21	41	205	747
Commercial Art	(10)	(9)	(21)	(37)	(188)	(679)
Graphic Art	(1)	(1)	(17)	(4)	(17)	(68)
Cosmetology	7	7	27	26	187	1,307
Diesel Mechanics Technology	2	2	20	20	39	390
Drafting Technology	7	12	22	44	268	886
Electricity	5	5	21	17	106	359
Electronics Technology	19	24	21	81	510	1,589
Engineering Technology	6	6	13	21	80	286
Home Economics	2	2	23	6	46	135
Machine Shop	7	9	23	36	205	807
Pipefitter	1	1	25	4	25	100
Refrigeration & Air Cond.	6	5	32	25	162	769
Sheet Metal & Plastics Tech.	7	7	13	24	94	325
Welding	10	17	21	46	355	1,043
Other: Vocational	1	1	32	3	32	96

*Includes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 10, 1978; Office of the Dean of Instruction.

HONOLULU COMMUNITY COLLEGE (CONTINUED)

Subject Area	Contact Hours**	
	Instructor	Student
VOCATIONAL EDUCATION COURSES	1,356	30,738
Business Education	9	225
Information & Computer Science	6	162
Management	3	63
Food Services	40	1,000
Baking	40	1,000
Health Services	16	255
Food & Nutritional Science	5	109
Health	11	146
Public Services	193	3,459
Fire Science	51	1,308
Human Services	82	720
Corrections	(3)	(54)
Education	(62)	(322)
Human Services	(5)	(101)
Law	(9)	(147)
Social Services	(3)	(96)
Occupational Safety & Health	33	816
Police Science	27	615
Technology	1,095	25,703
Apparel Design & Construction	45	1,053
Apparel Design & Const.	(19)	(425)
Fashion Design & Merchandising	(26)	(628)
Auto Body Repair & Painting	46	1,748
Automotive Mechanics Tech.	143	3,128
Aviation Technology	63	1,166
Blueprint Reading	39	900
Carpentry	50	1,250
Commercial Art	54	1,048
Commercial Art	(48)	(946)
Graphic Art	(6)	(102)
Cosmetology	70	3,281
Diesel Mechanics Technology	40	780
Drafting Technology	90	1,786
Electricity	39	831
Electronics Technology	116	2,312
Engineering Technology	39	536
Home Economics	6	135
Machine Shop	68	1,533
Pipefitter	8	200
Refrigeration & Air Cond.	45	1,415
Sheet Metal & Plastics Tech.	42	569
Welding	92	2,032
Other: Vocational	3	96

**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 12, 1978; Office of the Dean of Instruction.

TABLE IIb
CLASSES WITH TEN OR FEWER STUDENTS
HONOLULU COMMUNITY COLLEGE
FALL 1978

Subject Area	No. of Classes
TOTAL	11
GENERAL & PRE-PROF ED COURSES	3
Humanities	3
Journalism (285V)	1
Music (121C)	1
Philosophy (200)	1
VOCATIONAL EDUCATION COURSES	8
Public Services	3
Human Services (043V, 091V)	2
Police Science (241)	1
Technology	5
Blueprint (045)	1
Drafting (038, 042)	2
Engineering (026, 054)	2

Sources: SER Computer Report 3011B, October 10, 1978;
Office of the Dean of Instruction.

TABLE Ic
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
KAPIOLANI COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
TOTAL	303	643	28	1,723	18,027	47,041
GENERAL & PRE-PROF EDUC COURSES	163	332	29	866	9,530	25,237
Humanities	84	199	26	474	5,258	12,972
Art	9	17	23	39	383	939
Communication	2	10	27	32	274	829
Dance	1	1	32	3	32	96
Drama	2	3	28	9	83	249
East Asian Language: Japanese	4	8	23	25	187	584
English	32	88	25	170	2,159	4,204
English Language Institute	2	2	28	6	55	165
European Language	2	2	18	8	36	144
French	(1)	(1)	(16)	(4)	(16)	(64)
Spanish	(1)	(1)	(20)	(4)	(20)	(80)
History	7	24	35	66	844	2,326
Humanities	1	2	35	6	69	207
Indo-Pacific Language: Hawaiian	1	1	25	4	25	100
Journalism	3	3	19	9	56	168
Music	10	13	17	22	218	450
Philosophy	3	6	38	18	225	675
Religion	3	9	39	27	349	1,047
Speech	2	10	26	30	263	789
Natural Sciences	35	67	32	197	2,139	6,433
Biological Science	8	13	35	40	457	1,432
Biology	(4)	(7)	(36)	(21)	(250)	(782)
Botany	(1)	(1)	(35)	(3)	(35)	(105)
Microbiology	(1)	(3)	(36)	(9)	(109)	(327)
Zoology	(2)	(2)	(32)	(7)	(63)	(218)
Chemistry	5	5	26	12	128	331
Mathematics	10	29	33	93	943	2,977
Business Analysis & Statistics	(2)	(2)	(33)	(6)	(65)	(195)
Mathematics	(8)	(27)	(33)	(87)	(878)	(2,782)
Oceanography	1	3	33	9	98	294
Physical Science	3	4	59	12	120	360
Geology & Geophysics	(1)	(1)	(28)	(3)	(28)	(84)
Physics	(2)	(3)	(31)	(9)	(92)	(276)
Science	8	13	30	31	393	1,039
Social Sciences	40	59	34	187	2,027	5,710
American Studies	14	11	35	21	380	722
Anthropology	2	5	36	15	179	537
Economics	5	7	33	21	231	693
Geography	4	6	36	18	215	645
Political Science	3	6	27	19	164	497
Psychology	3	9	37	27	331	993
Social Science	6	6	35	39	210	672
Sociology	2	7	38	21	265	795
Women's Studies	1	2	26	6	52	156
Other	4	7	15	8	106	122
Health & Physical Education	3	6	15	6	90	90
Interdisciplinary Studies	1	1	16	2	16	32

TABLE Ic
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
KAPIOLANI COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Contact Hours**	
	Instructor	Student
TOTAL	2,064	55,058
GENERAL & PRE-PROF EDUC COURSES	912	26,316
Humanities	522	13,841
Art	53	1,156
Communication	30	801
Dance	5	144
Drama	9	348
East Asian Language: Japanese	36	839
English	176	4,354
English Language Institute	6	165
European Language	10	180
French	(5)	(80)
Spanish	(5)	(100)
History	66	2,326
Humanities	6	207
Indo-Pacific Language: Hawaiian	5	125
Journalism	9	168
Music	36	616
Philosophy	18	675
Religion	27	1,047
Speech	30	789
Natural Sciences	216	6,791
Biological Science	41	1,429
Biology	(23)	(811)
Botany	(3)	(105)
Microbiology	(9)	(327)
Zoology	(6)	(186)
Chemistry	16	407
Mathematics	99	3,125
Business Analysis & Statistics	(6)	(195)
Mathematics	(93)	(2,930)
Oceanography	9	294
Physical Science	12	360
Geology & Geophysics	(3)	(84)
Physics	(9)	(276)
Science	39	1,176
Social Sciences	162	5,504
American Studies	21	722
Anthropology	15	537
Economics	21	693
Geography	18	645
Political Science	15	477
Psychology	27	993
Social Science	18	486
Sociology	21	795
Women's Studies	6	156
Other	12	180
Health & Physical Education	12	180
Interdisciplinary Studies		

KAPIOLANI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
VOCATIONAL EDUCATION	140	311	24	857	8,497	21,804
Business Education	76	209	27	541	6,274	15,453
Accounting	11	37	32	117	1,174	3,497
Business	4	21	43	63	900	2,700
Data Processing	15	31	23	74	722	1,759
Data Processing	(5)	(14)	(21)	(17)	(292)	(309)
Info. & Computer Science	(10)	(17)	(25)	(57)	(430)	(1,450)
Sales Management	13	23	42	94	964	2,972
Hotel Operations	(5)	(10)	(41)	(40)	(411)	(1,264)
Management	(1)	(3)	(47)	(9)	(142)	(426)
Merchandising	(7)	(10)	(41)	(45)	(411)	(1,282)
Secretarial & Related	33	97	26	193	2,514	4,525
Business Machines	(3)	(39)	(27)	(39)	(1,063)	(1,063)
Office Procedures	(9)	(16)	(29)	(56)	(467)	(1,174)
Shorthand	(9)	(12)	(21)	(41)	(249)	(896)
Typewriting	(12)	(30)	(25)	(57)	(735)	(1,392)
Food Services	14	29	27	117	787	2,700
Baking	1	4	18	16	73	292
Food Service	13	25	29	101	714	2,408
Health Services	37	63	17	159	1,064	2,537
Dental Assistant	7	9	16	12	142	202
Food & Nutritional Science	1	4	36	4	143	143
Health	6	13	19	18	251	381
Medical Assistant	2	2	14	8	27	108
Medical Laboratory Technician	1	2	12	4	23	46
Nursing	6	18	15	77	272	1,086
Occupational Therapy Assistant	5	6	9	11	53	118
Radiologic Technology	9	9	17	25	153	453
Public Services: Law	13	10	37	40	372	1,114

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 12, 1978; Office of the Dean of Instruction.

KAPIOLANI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Contact Hours**	
	Instructor	Student
VOCATIONAL EDUCATION	1,152	28,742
Business Education	563	16,746
Accounting	116	3,603
Business	63	2,700
Data Processing	83	1,976
Data Processing	(18)	(330)
Info. & Computer Science	(65)	(1,646)
Sales Management	69	2,810
Hotel Operations	(30)	(1,200)
Management	(9)	(426)
Merchandising	(30)	(1,184)
Secretarial & Related	232	5,657
Business Machines	(39)	(1,063)
Office Procedures	(48)	(1,269)
Shorthand	(59)	(1,315)
Typewriting	(86)	(2,010)
Food Services	240	6,226
Baking	56	1,022
Food Service	184	5,204
Health Services	319	4,675
Dental Assistant	22	319
Food & Nutritional Science	4	143
Health	20	406
Medical Assistant	16	216
Medical Laboratory Technician	12	138
Nursing	167	2,257
Occupational Therapy Assistant	22	148
Radiologic Technology	56	1,048
Public Services: Law	30	1,095

**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer reports 3010, 3011, October 12, 1978; Office of the Dean of Instruction.

TABLE IIc
CLASSES WITH TEN OR FEWER STUDENTS
KAPIOLANI COMMUNITY COLLEGE
FALL 1978

Subject Area	No. of Classes
TOTAL	34
GENERAL & PRE-PROF ED COURSES	6
Humanities	4
Journalism (297V)	1
Music (116, 201, 204)	3
Social Sciences: Political Science (296)	1
Other General Education: HPER (197)	1
VOCATIONAL EDUCATION COURSES	28
Business	9
Accounting (034)	1
Data Processing (071V)	1
Office Procedures (040)	1
Shorthand (020C, 030)	3
Typing (054)	3
Food Services: Food Service (070)	1
Health Services*	17
Dental Assistant (027L, 029)	4
Health (021B)	1
Nursing (026B, 026C)	8
Occupational Therapy Assistant (208L)	3
Radiologic Technology (270V)	1
Public Services: Law (250)	1

*Many of these courses enroll limited number of students due to accreditation guidelines, facility limitations, etc.

Sources: SER Computer Report 3011B, October 12, 1978;
Office of the Dean of Instruction

TABLE Id
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
KAUAI COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
TOTAL	194	244	19	588	4,628	10,894
GENERAL & PRE-PROF EDUC COURSES	109	132	19	308	2,573	6,354
Humanities	46	66	18	160	1,166	2,939
Art	8	11	15	33	168	504
Communication	1	1	10	4	10	40
Drama	1	1	19	3	19	57
English	18	30	16	50	492	892
English Language Institute	2	3	15	9	45	135
Hawaiian Studies	1	1	20	3	20	60
History	6	8	22	24	173	519
Indo-Pacific Language: Hawaiian	2	1	22	4	22	81
Music	2	1	41	3	41	123
Philosophy	2	3	21	9	63	189
Religion	1	1	13	3	13	39
Speech	2	5	20	15	100	300
Natural Sciences	31	39	18	77	689	1,413
Biological Sciences	7	4	65	15	86	325
Biology	(3)	(2)	(21)	(7)	(42)	(149)
Botany	(2)	(1)	(24)	(4)	(24)	(96)
Zoology	(2)	(1)	(20)	(4)	(20)	(80)
Chemistry	6	4	22	8	86	172
Mathematics	11	24	16	35	391	536
Oceanography	1	1	32	3	32	96
Physics	5	5	14	11	70	164
Science	1	1	24	5	24	120
Social Science	28	24	28	66	666	1,938
American Studies	1	1	33	3	33	99
Anthropology	6	5	38	15	188	564
Economics	4	4	16	6	64	132
Geography	3	3	25	9	74	222
Political Science	2	2	24	6	48	144
Psychology	5	4	33	12	132	396
Social Science	1	1	21	3	21	63
Sociology	6	4	27	12	106	318
Other	4	3	17	5	52	64
Cooperative Arts/Science Educ.	1			2	2	18
Learning Skills	3	3	15	3	46	46

TABLE Id
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
KAUAI COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Contact Hours**	
	Instructor	Student
TOTAL	754	12,892
GENERAL & PRE-PROF EDUC COURSES	343	6,513
Humanities	179	2,987
Art	51	772
Communication	3	30
Drama		
English	50	892
English Language Institute	18	225
Hawaiian Studies	3	60
History	24	474
Indo-Pacific Language: Hawaiian	3	21
Music	3	123
Philosophy	9	189
Religion	3	39
Speech	15	162
Natural Sciences	93	1,723
Biological Sciences	21	459
Biology	*(9)*	*(196)*
Botany	*(6)*	*(144)*
Zoology	*(6)*	*(120)*
Chemistry	12	358
Mathematics	35	532
Oceanography	3	96
Physics	17	258
Science	5	180
Social Science	66	1,725
American Studies	3	99
Anthropology	15	489
Economics	6	132
Geography	9	153
Political Science	6	105
Psychology	12	396
Social Science	3	63
Sociology	12	288
Other	5	78
Cooperative Arts/Science Educ. Learning Skills	5	78

Continued

KAUAI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
VOCATIONAL EDUCATION	85	112	18	280	2,055	4,540
Business Education	36	57	21	95	1,214	1,869
Accounting	7	11	19	23	210	436
Business	6	12	25	21	295	394
Data Processing	1	1	32	3	32	96
Sales & Management	4	4	34	12	79	237
Management	(3)	(3)	(22)	(9)	(67)	(201)
Marchandising	(1)	(1)	(12)	(3)	(12)	(36)
Secretarial & Related	18	29	73	36	598	706
Business Machines	(3)	(11)	(18)	(13)	(194)	(223)
Office Procedures	(3)	(3)	(14)	(4)	(42)	(59)
Shorthand	(2)	(2)	(16)	(4)	(32)	(64)
Typewriting	(10)	(13)	(25)	(15)	(330)	(360)
Health Services: Nursing	2	4	10	40	41	392
Public Services	4	4	33	12	131	393
Fire Science	1	1	34	3	34	102
Law	1	1	18	3	18	54
Police Science	2	2	40	6	79	237
Technology	43	47	14	133	669	1,886
Agriculture	2	2	12	6	23	69
Auto Body Repair & Painting	3	3	15	16	46	242
Automotive Mechanics	14	14	18	34	247	566
Blueprint Reading	2	3	14	9	42	126
Carpentry	5	7	13	23	88	288
Drafting Technology	9	9	9	15	83	140
Electricity	1	1	23	3	23	69
Electronics	1	1	12	3	12	36
Machine Shop	1	2	15	4	30	60
Welding	5	5	15	20	76	290

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 12, 1978;
Office of the Dean of Instruction.

KAUAI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Contact Hours**	
	Instructor	Student
VOCATIONAL EDUCATION	411	6,379
Business Education	115	2,352
Accounting	31	586
Business	14	334
Data Processing	3	96
Sales & Management	12	237
Management	(9)	(201)
Merchandising	(3)	(36)
Secretarial & Related	55	1,099
Business Machines	(17)	(304)
Office Procedures	(7)	(96)
Shorthand	(6)	(88)
Typewriting	(25)	(611)
Health Services: Nursing	86	832
Public Services	12	393
Fire Science	3	102
Law	3	54
Police Science	6	237
Technology	198	2,802
Agriculture	6	69
Auto Body Repair & Painting	34	519
Automotive Mechanics	51	858
Blueprint Reading	9	126
Carpentry	26	306
Drafting Technology	23	215
Electricity	3	69
Electronics	3	36
Machine Shop	6	90
Welding	37	574

**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 12, 1978; Office of the Dean of Instruction.

TABLE IId
CLASSES WITH TEN OR FEWER STUDENTS
KAUAI COMMUNITY COLLEGE
FALL 1978

Subject Area	No. of Classes
TOTAL	34
GENERAL & PRE-PROF ED COURSES	15
Humanities	5
Communication (210)	1
English (022B, 022C, 026)	3
History (281)	1
Natural Sciences	8
Math (024B, 024C, 025B, 025C, 050, 205)	6
Physics (151, 151L)	2
Social Sciences: Economics (018B, 018C)	2
VOCATIONAL EDUCATION COURSES	19
Business: Typing (040B, 040C, 040D)	3
Health: Nursing (020)	2
Technology	14
Agriculture (043)	1
Blueprint (040)	2
Carpentry (020, 020L)	2
Drafting (020B, 020C, 020D, 026B, 026C, 026D, 034B, 034C, 034D)	9

Sources: SER Computer Report 3011B, October 12, 1978; Office of the Dean of Instruction.

TABLE Ie
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
LEEWARD COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
TOTAL	316	789	26	2,249	20,675	58,639
GENERAL & PRE-PROF EDUC COURSES	210	565	27	1,637	15,050	43,837
Humanities	104	293	25	853	7,351	21,773
Art	13	20	27	60	544	1,632
Communication	3	7	35	21	246	738
Dance	1	2	28	6	56	168
Drama	9	9	17	27	150	447
East Asian Language: Japanese	4	9	24	36	214	856
English	14	112	23	336	2,532	7,596
English Language Institute	5	5	16	15	79	237
European Languages	9	14	17	54	238	914
European Languages	(1)	(1)	(24)	(3)	(24)	(72)
French	(3)	(4)	(12)	(16)	(47)	(188)
German	(2)	(2)	(17)	(8)	(34)	(136)
Spanish	(3)	(7)	(19)	(27)	(133)	(518)
Hawaiian Studies	2	1	45	3	45	129
History	5	32	35	96	1,109	3,327
Humanities	1	1	17	3	17	51
Indo-Pacific Languages:	3	5	20	19	103	386
Hawaiian	(2)	(4)	(19)	(16)	(77)	(308)
Tagalog	(1)	(1)	(26)	(3)	(26)	(78)
Journalism	1	1	14	3	14	42
Music	26	33	18	48	605	1,053
Philosophy	4	16	32	48	518	1,554
Religion	3	14	36	42	502	1,506
Speech	1	12	32	36	379	1,137
Natural Sciences	43	122	30	352	3,619	10,449
Biological Sciences	9	12	31	39	366	1,178
Biology	(3)	(3)	(38)	(9)	(113)	(310)
Botany	(2)	(2)	(36)	(8)	(71)	(284)
Microbiology	(2)	(4)	(27)	(10)	(108)	(288)
Zoology	(2)	(3)	(25)	(12)	(74)	(296)
Chemistry	4	6	28	25	169	696
Mathematics	14	78	30	210	2,348	6,308
Business Anal. Stats.	(2)	(4)	(24)	(12)	(95)	(285)
Mathematics	(12)	(74)	(30)	(198)	(2,253)	(6,023)
Oceanography	2	9	37	28	333	1,010
Physical Science	11	13	20	35	266	753
Astronomy	(1)	(2)	(48)	(6)	(96)	(288)
Geology & Geophysics	(2)	(2)	(19)	(4)	(38)	(88)
Physics	(8)	(9)	(15)	(25)	(132)	(377)
Science	3	4	34	15	137	504
Social Science	37	121	29	376	3,462	10,398
American Studies	2	3	29	9	88	264
Anthropology	3	12	27	36	319	957
Economics	5	22	32	66	708	2,124
Geography	3	8	30	24	239	717
Human Development	5	3	34	9	137	411
Political Science	2	9	32	27	290	870
Psychology	5	32	28	96	898	2,691
Social Science	9	19	17	70	366	1,116
Sociology	2	12	33	36	397	1,188
Women's Studies	1	1	20	3	20	60

TABLE Ie
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
LEEWARD COMMUNITY COLLEGE

Subject Area	Contact Hours**	
	Instructor	Student
TOTAL	2,461	63,091
GENERAL & PRE-PROF EDUC COURSES	1,731	45,970
Humanities	898	22,565
Art	78	1,962
Communication	21	738
Dance	6	168
Drama	29	467
East Asian Language: Japanese	35	839
English	338	7,621
English Language Institute	15	237
European Languages	52	877
European Languages	(3)	(72)
French	(16)	(185)
German	(6)	(102)
Spanish	(27)	(518)
Hawaiian Studies	3	129
History	91	3,273
Humanities	3	51
Indo-Pacific Languages:	19	386
Hawaiian	(16)	(308)
Tagalog	(3)	(78)
Journalism	3	42
Music	79	1,606
Philosophy	48	1,527
Religion	42	1,506
Speech	36	1,137
Natural Sciences	387	11,263
Biological Sciences	53	1,519
Biology	(11)	(305)
Botany	(12)	(426)
Microbiology	(14)	(360)
Zoology	(16)	(428)
Chemistry	36	998
Mathematics	210	6,308
Business Anal. Stats.	(12)	(285)
Mathematics	(198)	(6,023)
Oceanography	28	1,010
Physical Science	42	831
Astronomy	(6)	(288)
Geology & Geophysics	(4)	(88)
Physics	(32)	(455)
Science	18	597
Social Science	366	10,419
American Studies	9	264
Anthropology	36	925
Economics	66	2,124
Geography	24	717
Human Development	9	411
Political Science	27	848
Psychology	96	2,691
Social Science	60	1,191
Sociology	36	1,188
Women's Studies	3	60

Continued

LEEWARD COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
Other	26	29	21	56	618	1,217
Health & Physical Education	24	25	22	48	558	1,077
Interdisciplinary Studies	1	2	10	2	20	20
Learning Skills	1	2	20	6	40	120
VOCATIONAL EDUCATION	106	224	25	612	5,625	14,802
Business Education	40	131	29	327	3,828	9,400
Accounting	7	26	30	78	786	2,358
Business	6	19	34	62	654	1,970
Data Processing & Comp. Sci.	6	17	27	50	465	1,378
Data Processing	(1)	(1)	(17)	(2)	(17)	(34)
Information & Computer Sci.	(5)	(16)	(28)	(48)	(448)	(1,344)
Sales & Management	8	13	31	41	399	1,204
Management	(2)	(7)	(34)	(21)	(238)	(714)
Merchandising	(6)	(6)	(26)	(20)	(161)	(490)
Secretarial & Related	13	56	27	96	1,524	2,490
Business Machines	(1)	(6)	(29)	(18)	(171)	(513)
Office Procedures	(3)	(7)	(18)	(9)	(123)	(145)
Shorthand	(3)	(8)	(21)	(24)	(164)	(492)
Typewriting	(6)	(35)	(30)	(45)	(1,066)	(1,340)
Food Service	13	21	20	64	412	1,199
Baking	1	1	21	4	21	84
Food Service	12	20	20	60	391	1,115
Public Service	6	12	24	34	285	830
Human Services	4	8	30	24	236	708
Education	(1)	(1)	(13)	(3)	(13)	(39)
Law	(3)	(7)	(32)	(21)	(223)	(669)
Library Technology	2	4	12	10	49	122
Technology	47	60	18	187	1,100	3,373
Automotive Mechanics	14	23	22	81	497	1,706
Blueprint	1	1	22	3	22	66
Drafting	11	12	17	35	204	586
Graphic Arts	11	11	17	31	185	503
Marine Technology	10	13	14	37	192	512

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 13, 1978; Office of the Dean of Instruction.

LEESBURG COMMUNITY COLLEGE (CONTINUED)

Subject Area	Contact Hours** Instructor	Student
Other	80	1,723
Health & Physical Education	71	1,573
Interdisciplinary Studies	3	30
Learning Skills	6	120
VOCATIONAL EDUCATION	730	17,121
Business Education	328	9,489
Accounting	78	2,358
Business	56	1,925
Data Processing & Comp. Sci.	52	1,414
Data Processing	(2)	(34)
Information & Computer Sci.	(50)	(1,380)
Sales & Management	39	1,204
Management	(21)	(714)
Merchandising	(18)	(490)
Secretarial & Related	103	2,588
Business Machines	(18)	(513)
Office Procedures	(11)	(162)
Shorthand	(29)	(573)
Typewriting	(45)	(1,340)
Food Service	106	2,000
Baking	4	84
Food Service	102	1,916
Public Service	35	843
Human Services	25	721
Education	(4)	(52)
Law	(21)	(669)
Library Technology	10	122
Technology	261	4,789
Automotive Mechanics	126	2,704
Blueprint	3	59
Drafting	44	729
Graphic Arts	43	713
Marine Technology	45	584

**Contact hourse (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 13, 1978; Dean of Instruction.

TABLE IIe
CLASSES WITH TEN OR FEWER STUDENTS
LEEWARD COMMUNITY COLLEGE
FALL 1978

Subject Area	No. of Classes
TOTAL	46
GENERAL & PRE-PROF ED COURSES	38
Humanities	25
Art (107, 145)	2
English (250*, 252, 257D)	3
French (101, 201)	2
German (201)	1
Spanish (102)	7
History (151*, 152*)	2
Hawaiian (201)	1
Music (115, 116, 124, 203D, 215, 223)	6
Philosophy (210*)	1
Natural Sciences	6
Biology (291B)	1
Math (126)	1
Oceanography (201)	1
Physics (170, 170L)	2
Zoology (291B)	1
Social Sciences	6
Anthropology (210)	1
Human Development (245)	1
Political Science (110*)	1
Psychology (220)	1
Social Science (101)	2
Other General Education: IS (105)	1
VOCATIONAL EDUCATION COURSES	8
Public Services: Library Tech (020, 022)	2
Technology	6
Graphic Arts (020, 034, 040)	3
Marine Technology (020, 024, 031)	3

*These classes are offered as a result of Leeward's participation in the Alternative Deliveries Project, funded by the Office of the Vice President for Academic Affairs. These classes are available only to students who have been enrolled in the Comprehensive Training Program.

Sources: SER Computer Report 3011B, October 13, 1978; Office of the Dean of Instruction.

TABLE II
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
MAUI COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes*		Semester Hours	Student Regis.	Student Sem. Hours
		No.	Ave Size			
TOTAL	251	320	22	872	6,977	17,676
GENERAL & PRE-PROF EDUC COURSES	122	159	23	423	3,701	9,571
Humanities	50	70	22	211	1,581	4,645
Art	10	9	18	31	166	399
Communication	1	3	23	9	68	204
Dance	2	2	26	6	52	156
Drama	1	1	15	3	15	45
East Asian Language: Japanese	3	3	14	12	42	168
English	11	23	21	71	517	1,515
European Language	4	4	14	8	56	112
French	(2)	(2)	(10)	(4)	(20)	(40)
Spanish	(2)	(2)	(18)	(4)	(36)	(72)
Hawaiian Studies	2	5	24	15	121	363
History	5	6	39	19	238	714
Humanities	2	2	12	6	24	72
Indo-Pacific Language: Hawaiian	2	4	13	16	51	204
Music	2	2	19	6	37	111
Philosophy	2	2	39	6	78	234
Religion	2	2	36	7	73	219
Speech	1	2	22	6	43	129
Natural Sciences	37	44	25	98	1,098	2,264
Biological Sciences	8	7	20	20	141	412
Biology	(3)	(2)	(27)	(8)	(54)	(213)
Botany	(2)	(2)	(23)	(4)	(46)	(92)
Microbiology	(2)	(2)	(15)	(4)	(29)	(59)
Zoology	(1)	(1)	(12)	(4)	(12)	(48)
Chemistry	4	1	24	4	24	96
Mathematics	20	27	29	68	784	1,290
Oceanography	2	3	22	9	66	198
Physical Science	4	4	14	11	57	178
Astronomy	(1)	(1)	(18)	(3)	(18)	(54)
Physics	(3)	(3)	(13)	(8)	(39)	(124)
Science	2	2	15	6	26	90
Social Science	25	32	26	98	820	2,422
American Studies	1	1	14	3	14	42
Anthropology	4	5	32	15	160	480
Economics	2	3	33	9	99	297
Geography	3	4	19	10	75	187
Human Development	2	3	12	6	24	72
Political Science	3	3	28	11	92	276
Psychology	4	6	37	20	230	690
Social Science	2	4	11	12	45	135
Sociology	3	3	23	9	70	210
Women's Studies	1	1	11	3	11	33
Other	10	13	15	16	202	240
Cooperative Arts/Science Educ.	1			1	2	6
Health & Physical Educ.	8	12	16	12	183	183
Learning Skills	1	1	17	3	17	51

TABLE If
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
MAUI COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Contact Hours**	
	Instructor	Student
TOTAL	1,072	21,660
GENERAL & PRE-PROF EDUC COURSES	478	11,199
Humanities	231	5,023
Art	34	624
Communication	9	204
Dance	7	181
Drama	3	45
East Asian Language: Japanese	15	305
English	89	1,482
European Language	10	142
French	(5)	(52)
Spanish	(5)	(90)
Hawaiian Studies	15	363
History	19	763
Humanities	6	72
Indo-Pacific Language: Hawaiian	20	255
Music	6	111
Philosophy	6	231
Religion	6	216
Speech	6	129
Natural Sciences	125	3,366
Biological Sciences	27	555
Biology	(11)	(293)
Botany	(5)	(115)
Microbiology	(6)	(87)
Zoology	(5)	(60)
Chemistry	6	144
Mathematics	61	2,120
Oceanography	9	198
Physical Science	15	240
Astronomy	(3)	(54)
Physics	(12)	(186)
Science	7	109
Social Science	95	2,393
American Studies	3	42
Anthropology	15	477
Economics	9	297
Geography	11	306
Human Development	6	69
Political Science	9	255
Psychology	18	672
Social Science	12	135
Sociology	9	207
Women's Studies	3	33
Other	27	417
Cooperative Arts/Science Educ.		
Health & Physical Educ.	24	366
Learning Skills	3	51

Continued

MAUI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes* No.	Classes* Ave Size	Semester Hours	Student Regis.	Student Sem. Hours
VOCATIONAL EDUCATION	129	161	20	449	3,276	8,105
Business Education	54	84	23	167	1,996	3,757
Accounting	7	11	23	29	251	657
Business	6	7	28	27	219	655
Computer Science	1	2	28	6	56	168
Sales & Management	12	12	25	42	305	915
Hotel Operations	(6)	(7)	(21)	(26)	(161)	(483)
Management	(2)	(2)	(33)	(6)	(65)	(195)
Merchandising	(4)	(3)	(25)	(10)	(79)	(237)
Secretarial & Related	28	52	22	63	1,165	1,362
Business Machines	(4)	(12)	(18)	(12)	(219)	(219)
Office Procedures	(3)	(5)	(28)	(9)	(140)	(240)
Shorthand	(8)	(5)	(17)	(13)	(85)	(208)
Typewriting	(15)	(30)	(24)	(29)	(721)	(695)
Food Service	9	12	17	43	208	682
Baking	1	1	13	4	13	52
Food Service	8	11	17	39	195	630
Health Services	5	6	15	39	91	484
Health	1	1	25	1	25	25
Nursing	4	5	13	38	66	459
Public Service	11	12	21	32	255	698
Human Services	5	5	18	13	88	233
Human Services	(2)	(2)	(11)	(4)	(22)	(35)
Law	(1)	(1)	(42)	(3)	(42)	(126)
Social Services	(2)	(2)	(12)	(6)	(24)	(72)
Occupational Safety & Health	1	1	18	1	18	18
Police Science	5	6	25	18	149	447
Technology	49	46	16	165	725	2,481
Agriculture	9	9	18	30	165	528
Apparel Design & Construction	7	8	19	17	111	295
Apparel Design & Const.	(5)	(4)	(19)	(11)	(77)	(193)
Fashion Design & Merch.	(2)	(2)	(17)	(6)	(34)	(102)
Auto Body Repair & Painting	5	4	10	17	40	182
Automotive Mechanics	13	11	14	32	164	418
Blueprint Reading	1	1	16	3	16	48
Carpentry	4	3	18	24	54	407
Drafting	5	5	12	22	61	314
Electricity	2	2	18	5	36	91
Maintenance	1	1	21	2	21	42
Marine Technology	1	1	17	3	17	51
Welding	2	3	17	14	60	305
Other Vocational: Work Prac.	1	1	1	3	1	3

*Includes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).

MAUI COMMUNITY COLLEGE (CONTINUED)

Subject Area	Contact Hours** Instructor	Student
VOCATIONAL EDUCATION	594	10,461
Business Education	167	3,900
Accounting	29	678
Business	21	594
Computer Science	6	168
Sales & Management	36	855
Hotel Operations	(21)	(435)
Management	(6)	(195)
Merchandising	(9)	(225)
Secretarial & Related	75	1,605
Business Machines	(16)	(285)
Office Procedures	(8)	(216)
Shorthand	(14)	(229)
Typewriting	(37)	(875)
Food Service	80	1,242
Baking	8	104
Food Service	72	1,138
Health Services	73	865
Health	3	75
Nursing	70	790
Public Service	27	663
Human Services	7	189
Human Services	(1)	(15)
Law	(3)	(126)
Social Services	(3)	(48)
Occupational Safety & Health	2	27
Police Science	18	447
Technology	247	3,791
Agriculture	40	685
Apparel Design & Construction	24	446
Apparel Design & Const.	(16)	(320)
Fashion Design & Merch.	(8)	(126)
Auto Body Repair & Painting	25	286
Automotive Mechanics	51	671
Blueprint Reading	3	48
Carpentry	39	702
Drafting	25	308
Electricity	6	115
Maintenance	3	63
Marine Technology	4	68
Welding	37	399
Other Vocational: Work Prac.		

**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 13, 1978; Office of the Dean of Instruction.

TABLE IIf
CLASSES WITH TEN OR FEWER STUDENTS
MAUI COMMUNITY COLLEGE
FALL 1978

Subject Area	No. of Classes
TOTAL	34
GENERAL & PRE-PROF ED COURSES	19
Humanities	8
Art (113)	1
Japanese (102)	1
English (104, 253)	2
French (101B, C)	2
Hawaiian (201)	1
Humanities (027)	1
Natural Science	5
Mathematics (123, 127)	2
Physics (151, 151C)	2
Science (020)	1
Social Science	3*
Human Development (245)	1
Social Science (101)	2
Other General Education: HPER (135, 152, 166)	3
VOCATIONAL EDUCATION COURSES	15
Business Education	6
Accounting (024B, C; 025B)	3
Shorthand (030B, C)	2
Typewriting (035B)	1
Health Service: Nursing (255)	2
Other Technology	7
Agriculture (017, 056)	1
Auto Body Repair & Painting (040, 041)	2
Auto Mechanics Technology (015B, 053)	2
Drafting (038, 047)	2

*These classes are taught by personnel in student services. They receive no additional compensation.

Sources: SER Computer Report 3011B, October 13, 1978; Office of the Dean of Instruction.

TABLE Ig
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
WINDWARD COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Courses	Classes*		Semester Hours	Student Regis.	Student Sem. Hours
		No.	Ave Size			
TOTAL	137	216	22	596	4,779	13,509
GENERAL & PRE-PROF EDUC COURSES	103	172	23	504	3,937	11,770
Humanities	47	84	22	252	1,885	5,665
Art	7	10	20	33	198	594
Communication	1	5	25	15	126	378
Drama	3	3	19	9	56	168
East Asian Language: Japanese	1	2	18	8	35	140
English	10	25	22	75	557	1,671
English	(9)	(23)	(23)	(69)	(521)	(1,563)
Linguistic	(1)	(2)	(18)	(6)	(36)	(108)
French	1	2	17	8	34	136
Hawaiian Studies	5	6		14	95	251
History	4	10	33	30	332	996
Indo-Pacific Language: Hawaiian	2	3	20	12	61	244
Journalism	1	1	11	3	11	33
Music	6	6	17	12	100	214
Philosophy	3	6	27	18	160	480
Religion	2	4	26	12	103	309
Speech	1	1	17	3	17	51
Natural Sciences	25	34	23	107	776	2,504
Biology	1	3	32	9	97	291
Botany	3	3	26	11	79	289
Chemistry	4	4	21	8	85	171
Geology & Geography	3	2	11	9	23	73
Mathematics	7	12	26	39	317	1,105
Oceanography	2	5	13	13	67	183
Science	2	2	26	8	51	204
Zoology	3	3	19	10	57	188
Social Sciences	19	40	26	119	1,033	3,042
Anthropology	2	7	24	21	167	501
Economics	2	3	26	9	78	234
Geography	2	4	29	12	114	342
Political Science	2	6	26	18	158	474
Psychology	2	5	29	16	149	441
Social Science	6	9	23	26	206	580
Sociology	2	5	30	15	148	444
Women's Studies	1	1	13	2	13	26
Other	12	14	17	26	243	559
Health & Physical Education	8	9	12	11	112	166
Interdisciplinary Studies	3	3	27	9	81	243
Learning Skills	1	2	25	6	50	150

Continued

TABLE Ig
COURSES, CLASSES, CREDIT, & STUDENT SEMESTER HOURS, BY SUBJECT AREA
WINDWARD COMMUNITY COLLEGE
FALL 1978

Note: Totals may not equal the sum of the parts because of rounding.

Subject Area	Contact Hours**	
	Instructor	Student
TOTAL	649	14,455
GENERAL & PRE-PROF EDUC COURSES	533	12,270
Humanities	260	5,825
Art	33	691
Communication	15	378
Drama	9	168
East Asian Language: Japanese	10	180
English	75	1,671
English	*(69)*	*(1,563)*
Linguistic	*(6)*	*(108)*
French	10	176
Hawaiian Studies	14	249
History	30	996
Indo-Pacific Language: Hawaiian	15	313
Journalism	3	33
Music	13	230
Philosophy	18	480
Religion	12	309
Speech	3	51
Natural Sciences	121	2,759
Biology	9	291
Botany	14	367
Chemistry	8	171
Geology & Geography	11	105
Mathematics	38	1,079
Oceanography	16	206
Science	11	281
Zoology	14	259
Social Sciences	120	3,069
Anthropology	21	501
Economics	9	234
Geography	12	342
Political Science	18	474
Psychology	17	468
Social Science	26	580
Sociology	15	444
Women's Studies	2	26
Other	32	617
Health & Physical Education	17	224
Interdisciplinary Studies	9	243
Learning Skills	6	150

Continued

WINDWARD COMMUNITY COLLEGE (CONTINUED)

Subject Area	Courses	Classes*		Semester Hours	Student Regis.	Student Sem. Hours
		No.	Ave Size			
VOCATIONAL EDUCATION	34	44	19	92	842	1,739
Business	21	32	20	65	630	1,323
Accounting	*4*	*8*	*25*	*14*	*197*	*355*
Business	*3*	*4*	*21*	*10*	*85*	*213*
Finance	*1*	*2*	*15*	*6*	*29*	*87*
Management	*1*	*1*	*23*	*1*	*23*	*23*
Secretarial & Related	*12*	*17*	*17*	*34*	*296*	*645*
Business Machines	*(2)*	*(4)*	*(21)*	*(4)*	*(83)*	*(83)*
Office Procedures	*(3)*	*(3)*	*(18)*	*(8)*	*(55)*	*(141)*
Shorthand	*(2)*	*(2)*	*(17)*	*(4)*	*(33)*	*(66)*
Typewriting	*(5)*	*(8)*	*(16)*	*(18)*	*(125)*	*(355)*
Public Svcs: Human Svcs: SJUST	2	2	8	4	16	32
Technology	11	10	20	23	196	384
Agriculture	*4*	*4*	*23*	*4*	*90*	*90*
Automotive Mechanics	*7*	*6*	*18*	*19*	*106*	*294*

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies)
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 24, 1978; Office of the Dean of Instruction.

WINDWARD COMMUNITY COLLEGE (CONTINUED)

Subject Area	Contact Hours**	
	Instructor	Student
VOCATIONAL EDUCATION	116	2,185
Business	71	1,486
Accounting	18	428
Business	10	213
Finance	6	87
Management	3	58
Secretarial & Related	34	700
Business Machines	*(7)*	*(165)*
Office Procedures	*(7)*	*(135)*
Shorthand	*(4)*	*(66)*
Typewriting	*(16)*	*(334)*
Public Svcs: Human Svcs: SJUST	5	36
Technology	40	663
Agriculture	4	94
Automotive Mechanics	36	569

*Excludes courses with catalog numbers 093, 193, 293 (cooperative education) and 099, 199, 299 (directed studies).
**Contact hours (instructor and student) understated. Data not available on some classes because they meet on "hours arranged" basis.

Sources: SER Computer Reports 3010, 3011, October 24, 1978; Office of the Dean of Instruction.

TABLE IIg
CLASSES WITH TEN OR FEWER STUDENTS
WINDWARD COMMUNITY COLLEGE
FALL 1978

Subject Area	No. of Classes
TOTAL	13
GENERAL & PRE-PROF ED COURSES	8
Humanities	4
Hawaiiana (197C)	2
Hawaiian (201)	1
Music (050)	1
Other: HPER (101, 103, 115, 124)	4
VOCATIONAL EDUCATION COURSES	5
Business: Typing (020B*, 020D*, 051**)	3
Public Services: Social Justice (197, 197B)***	2

*Offered at the Women's Correctional Facilities in Waimanalo.

**Twelve stations available; ten enrolled in class.

***New program.

Sources: SER Computer Report 3011B, October 24, 1978;
Office of the Dean of Instruction.

APPENDIX A
DEFINITIONS

1. COURSE: A unit of instruction consisting of recitations, lectures, laboratory sessions, etc., in a particular subject.

   Example: English 100

2. CLASS: A lecture section of one or more students meeting regularly for instruction in a lecture or seminar course.

   Example: Lecture section 39 of English 100

3. SEMESTER HOURS: Semester or semester hour value assigned to each lecture section of each fixed credit course. (Also known as credit hours.)

   Example: Three semester hours for lecture section 39 of English 100

4. STUDENT REGISTRATIONS: Number of students registered in each class, excluding students auditing the class.

   Example: 25 student registrations in lecture section 39 of English 100

5. STUDENT SEMESTER HOURS: Sum of semester hours taken by all students registered in all classes, excluding auditors (SSH).

   Example: 75 student semester hours taken by 25 students in lecture section 39 of English 100 which is a three credit course

6. AVERAGE CLASS SIZE: Student registrations divided by number of classes. (Excludes classes and student registrations in classes such as directed studies, cooperative education.)

7. FTE FACULTY: A count of instructors which is the sum of the following: (a) headcount of all regular full-time instructors (C-scale appointees) assigned to instruction except those designated as division chairmen/coordinators; (b) a count of division chairmen/coordinators based on the equation, one division chairmen=0.7 FTE instructor; (c) a count of part-time instructors based on FTE indicated in SF5B, i.e., 0.50=.5 FTE; (d) a converted count of lecturers, instructors on overload, non-instructional staff teaching a course, instructors teaching in level 5 subject area other than that designated in SF5B. (See Definition 8.)

8. FULL-TIME EQUIVALENT OF: (1) "LECTURERS"; (2) INSTRUCTORS ON "OVERLOAD"; (3) "NON-INSTRUCTIONAL STAFF TEACHING CERTAIN COURSES"; (4) INSTRUCTORS TEACHING IN A LEVEL 5 SUBJECT AREA OTHER THAN THAT DESIGNATED IN SF5B:

   Number of semester hours taught by these four groups divided by 15 credits. (Based on credits instructor is compensated for in the case of "overloads" and lecturers.)

9. FTE STUDENTS: The conversion of full- and part-time students into full-time equivalent by dividing total SSH taken by 15 credits.

10. EQUIVALENT CREDITS for classes with variable credits:

    (a) Regular subject, self-paced classes: average SH (derived by dividing SSH by number of students).

    (b) Classes with catalog numbers 099, 199, 299: total SSH divided by 10 credit hours.

    (c) Cooperative vocational and cooperative arts and sciences courses: 50 students = 15 credit hours.

11. TEACHING LOAD MEASUREMENTS:

    (a) Average semester hours taught: the quotient obtained by dividing semester hours taught by FTE faculty,

    e.g. $\frac{8,473 \text{ credits taught}}{647.5 \text{ faculty}} = 13.1$

    (b) Productivity ratio: the quotient obtained by dividing student semester hours (SSH) by FTE faculty,

    e.g. $\frac{229,573}{647.5} = 355$

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